

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	161	lenticular near pitch	USPAT	2003/03/04 19:16
2	BRS	L2	39	fresnel near pitch	USPAT	2003/03/04 19:12
3	BRS	L3	4	1 with 2	USPAT	2003/03/04 19:43
4	BRS	L4	1767	pixel\$ near pitch	USPAT	2003/03/04 19:13
5	BRS	L5	2	2 with 4	USPAT	2003/03/04 19:16
6	BRS	L6	81	lenticular near pitch	EPO; JPO; DERWEN T	2003/03/04 19:16
7	BRS	L7	613	pixel\$ near pitch	EPO; JPO; DERWEN T	2003/03/04 19:16
8	BRS	L8	30	fresnel near pitch	EPO; JPO; DERWEN T	2003/03/04 19:16
9	BRS	L9	1	7 same 8	EPO; JPO; DERWEN T	2003/03/04 19:17
10	BRS	L10	7	6 same 8	EPO; JPO; DERWEN T	2003/03/04 19:17
11	BRS	L15	756876	ratio	USPAT	2003/03/04 19:44
12	BRS	L16	12	lenticular with fresnel with ratio	USPAT	2003/03/04 19:44
13	BRS	L17	5	realook	USPAT; US-PGP UB; EPO; JPO; DERWEN T	2003/03/04 20:18

CLIPPEDIMAGE= JP403168630A

PAT-NO: JP403168630A

DOCUMENT-IDENTIFIER: JP 03168630 A

TITLE: TRANSMISSION TYPE SCREEN FOR LIQUID CRYSTAL
PROJECTOR

PUBN-DATE: July 22, 1991

INVENTOR-INFORMATION:

NAME

NIIJIMA, TAKAYUKI

ASSIGNEE-INFORMATION:

NAME

DAINIPPON PRINTING CO LTD

COUNTRY

N/A

APPL-NO: JP01308249

APPL-DATE: November 28, 1989

INT-CL (IPC): G03B021/62

US-CL-CURRENT: 349/5,349/186

ABSTRACT:

PURPOSE: To realize a transmission type screen having good image quality without causing moire by specifying the lens pitch of a lenticular lens part and the lens pitch of a Fresnel lens part.

CONSTITUTION: The transmission type screen 2 is constituted of a Fresnel lens sheet 21, a lenticular lens sheet 22, and the pitch P3 of the lenticular lens 22 is formed so that it may be smaller than 1/3.3 fold one of the pitch P1 of a projection frame or so that it may be 1/2.35-1/2.65 fold one or 1/1.35-1/1.65 fold or 1.35-1.45 fold one of the pitch P1. Then, the lens pitch P3 of the Fresnel lens 21 is made smaller than 1/3.3 fold one of the

pitch P1 of a
picture element frame. Thus, the concentric fringe of the
shadow of the
picture element frame and the Fresnel lens does not
interfere with the vertical
fringe of the lenticular lens and the moire does not occur
at the time of
projecting an image on the screen 2 by a liquid crystal
projector 1.

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CLIPPEDIMAGE= JP362236282A

PAT-NO: JP362236282A

DOCUMENT-IDENTIFIER: JP 62236282 A

TITLE: REAR PROJECTION TYPE DISPLAY DEVICE

PUBN-DATE: October 16, 1987

INVENTOR-INFORMATION:

NAME

SONEHARA, TOMIO

ASSIGNEE-INFORMATION:

NAME

SEIKO EPSON CORP

COUNTRY

N/A

APPL-NO: JP61080714

APPL-DATE: April 8, 1986

INT-CL (IPC): H04N005/74;G02F001/133 ;G03B021/00

ABSTRACT:

PURPOSE: To suppress intervals of Moire fringis less than a picture element and to prevent the deterioration of picture quality by making pitch of a unidimensional lens less than a half of equivalent pitch.

CONSTITUTION: A luminous flux from a light source 1 is condensed by a condenser 2 and image information is given by a matrix type light bulb. A Fresnel lens face 6 that acts as a convex lens as a whole and a lenticular lens face 7 having pitch less than 1/2 of projection picture element pitch which is a unidimensional lens are formed in a screen 5. As the ratio of the pitch of the lenticular lens and that of projection picture element is made to 0.27, the pitch of Moire fringis becomes smaller than the pitch of projection picture

element, and deterioration of picture quality is not observed in actual visual perception.

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